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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 3688ME-48

Inventors: Toshiaki IOI of 588-607, Osakamachi, Fushimi-ku, Kyoto-shi, Kyoto 612-8048, Japan

Express Mail Label No.: EV331291482US

Title: "PHASE DETECTION DEVICE, DIAL TYPE DETECTION DEVICE AND PHASE DETECTION METHOD"

Box Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Enclosed for filing with the above-identified utility patent application, please find the following:

1. Specification (Total Pages of Text, including Abstract and Claims: 58)
2. Drawing(s) (35 USC 113) (Total Sheets: 15) FORMAL INFORMAL
3. Oath or Declaration (Total Pages: 4) Signed Unsigned
4. Assignment Papers (*cover sheet & document(s)*)
5. Information Disclosure Statement (IDS/PTO-1449)
6. Copies of IDS Citations (Number of References: 1)
7. Return Postcard (MPEP 503) (*should be specifically itemized*)
8. Certified copy of Priority Document(s)
9. A check in the amount of \$918.00 is enclosed.

FEE CALCULATION:

	(COL. 1) NO. FILED	(COL. 2*) NO. EXTRA	SMALL ENTITY			LARGE ENTITY	
			RATE	Fee		RATE	Fee
BASIC FEE:				\$375.00	OR		\$750.00
TOTAL CLAIMS:	7	-	20	0	X \$9 =	OR	X \$18 =
INDEP. CLAIMS:	5	-	3	2	X \$42 =	OR	X \$84 =
MULTIPLE DEPENDENT CLAIMS				+\$140 =	OR	+\$280 =	\$0.00
*IF THE DIFFERENCE IN COL. 2 IS LESS THAN ZERO, ENTER "0" IN COL. 2.				TOTAL:			\$918.00

OTHER INFORMATION:

1. The Commissioner is hereby authorized to debit any underpayments or credit any overpayment to Deposit Account No. 19-1970.
2. The Commissioner is hereby authorized to charge all required fees for extensions of time under §1.17 to Deposit Account No. 19-1970.
3. Foreign Priority benefits are claimed under 35 USC §119 of Japanese Patent Application Serial No. 2002-275710 filed September 20, 2002.

4. [X] Correspondence Address:

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Respectfully Submitted,

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Date: Sept. 19, 2003